7. Schematic Diagrams

	Page
7-1 DC/DC Converter (Main PCB)	7-2
7-2 Servo (Main PCB)	7-3
7-3 System Control (Main PCB)	7-4
7-4 Pre Amp/PRML (Main PCB)	7-5
7-5 DV1-Chip (Main PCB)	7-6
7-6 Video-Interface (Main PCB)	7-7
7-7 Audio (Main PCB)	7-8
7-8 CDS-TG (Main PCB)	7-9
7-9 DSP (Main PCB)	7-10
7-10 EIS (EIS PCB)	7-11
7-11 Zoom (Zoom PCB)	7-12
7-12 Function (Function PCB)	7-13
7-13 CCD (CCD PCB)	7-14
7-14 Left (Left PCB)	7-15
7-15 Jack (Jack PCB)	7-16
7-16 Rear (Rear PCB)	7-17
7-17 Front (Front PCB)	7-18
7-18 LCD (LCD PCB)	7-19
7-19 MF_Slow (MF_Slow PCB)	7-20
7-20 MF_Ring (MF_Ring PCB)	7-21

Note

For schematic Diagram
- Resistors are in ohms, 1/8W unless otherwise noted.

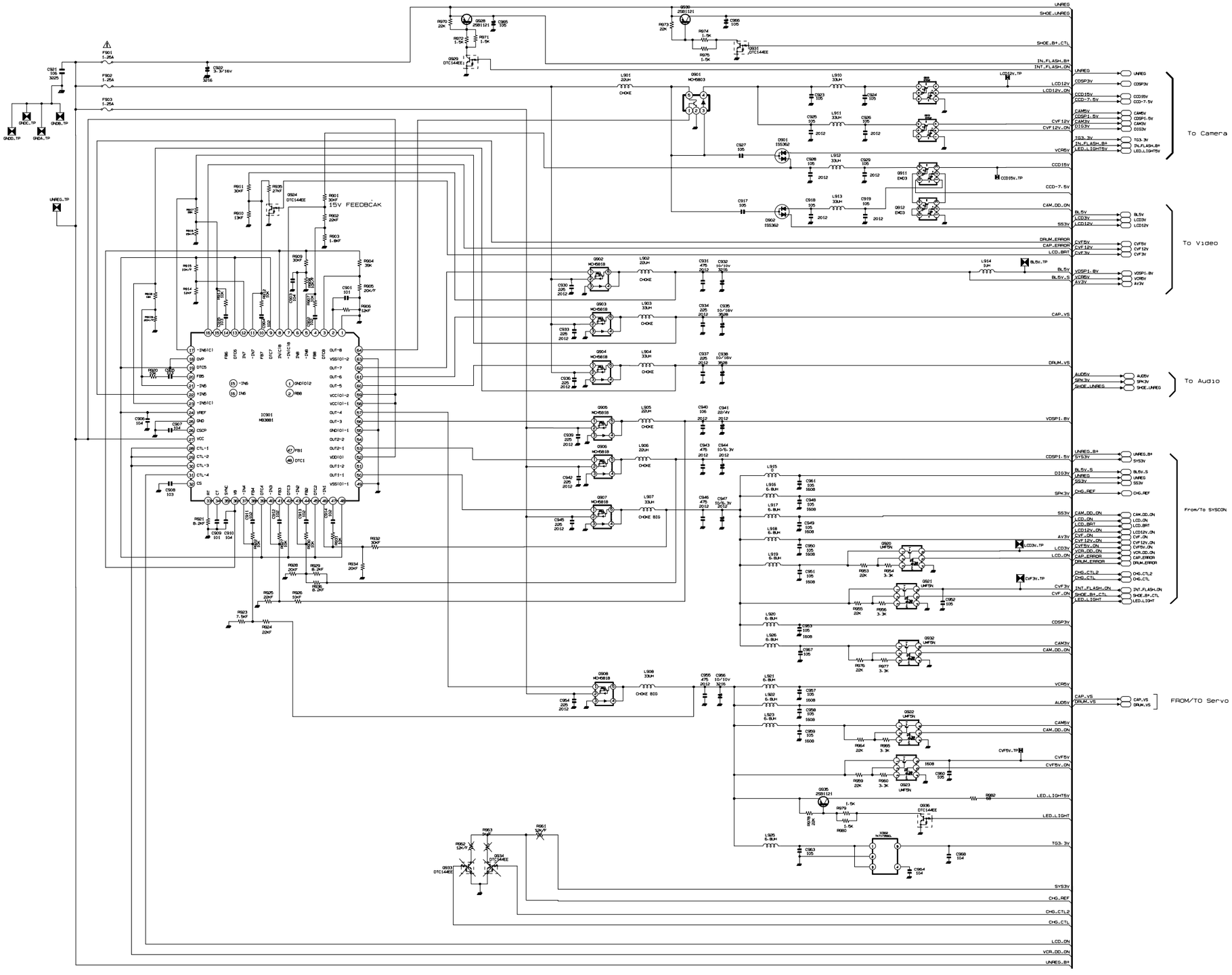
Special note :
Most semiconductor devices are electrostatically sensitive and therefore require the special handling techniques described under the "electrostatically sensitive (ES) devices" section of this service manual.

Note :
Do not use the part number shown on this drawing for ordering. The correct part number is shown in the parts list (may be slightly different or amended since this drawing was prepared).

Important safety notices :
Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components.
Use only the same type.

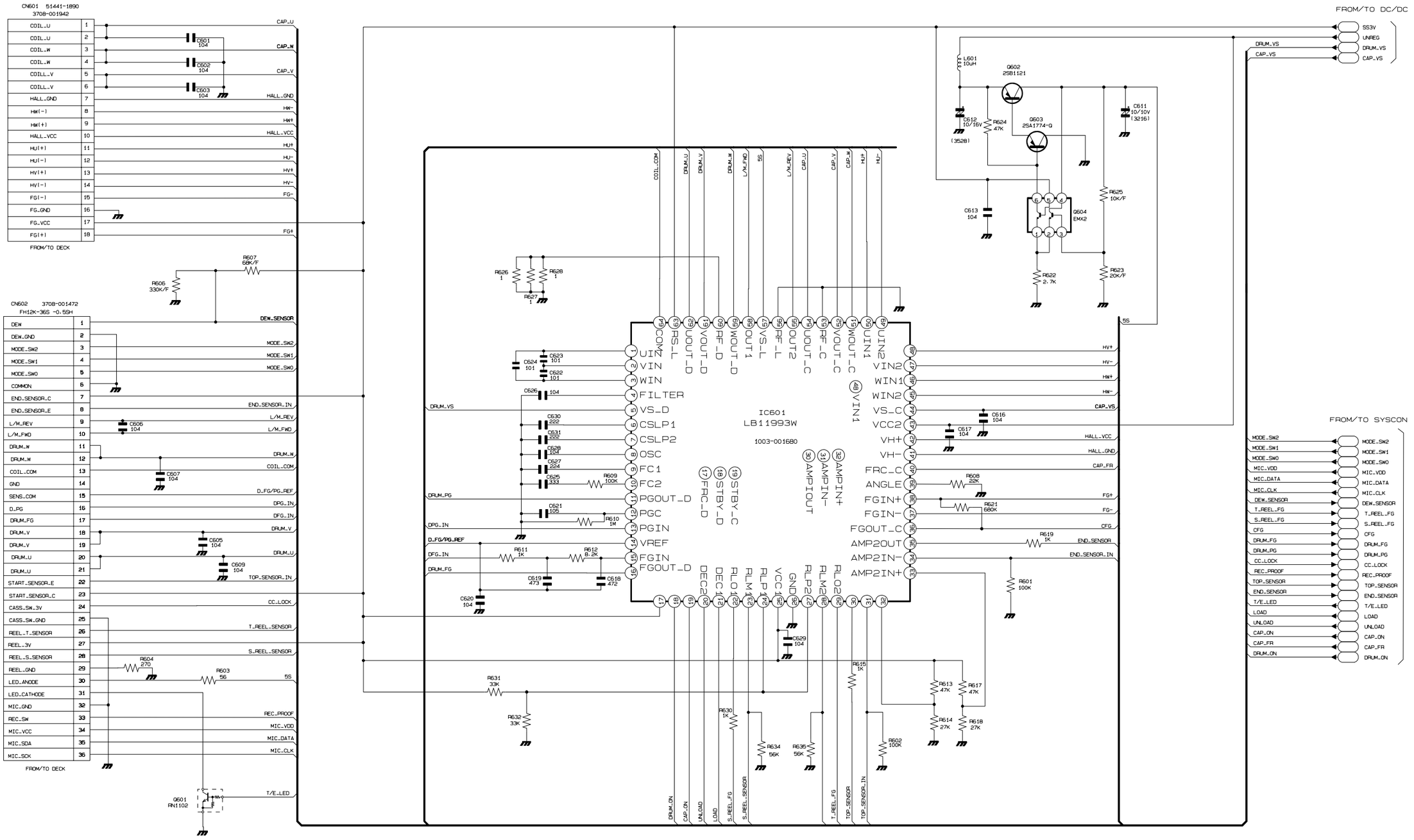
This Document can not be used without Samsung's authorization

7-1 DC/DC Converter (Main PCB)

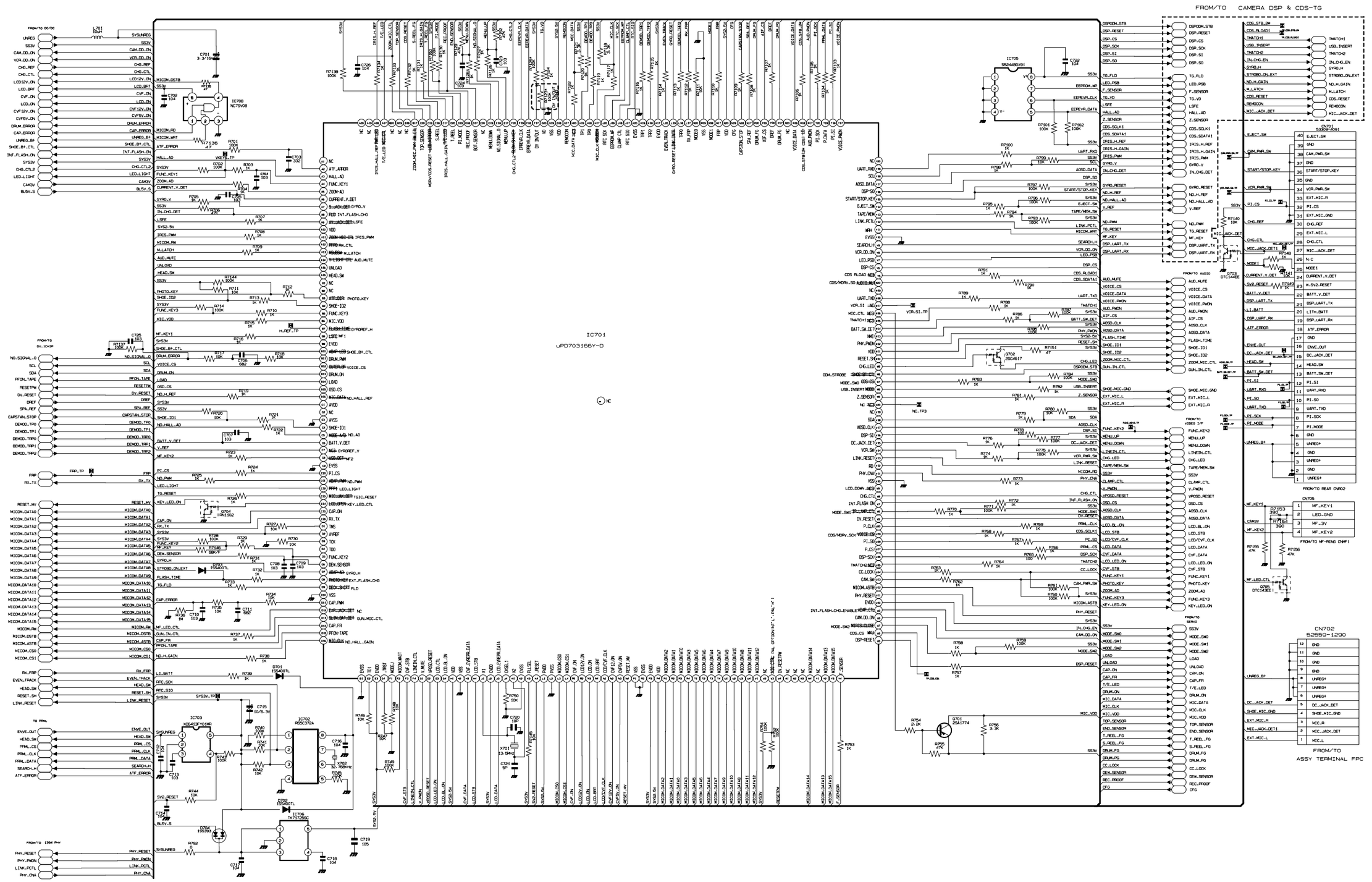


This Document can not be used without Samsung's authorization

7-2 Servo (Main PCB)

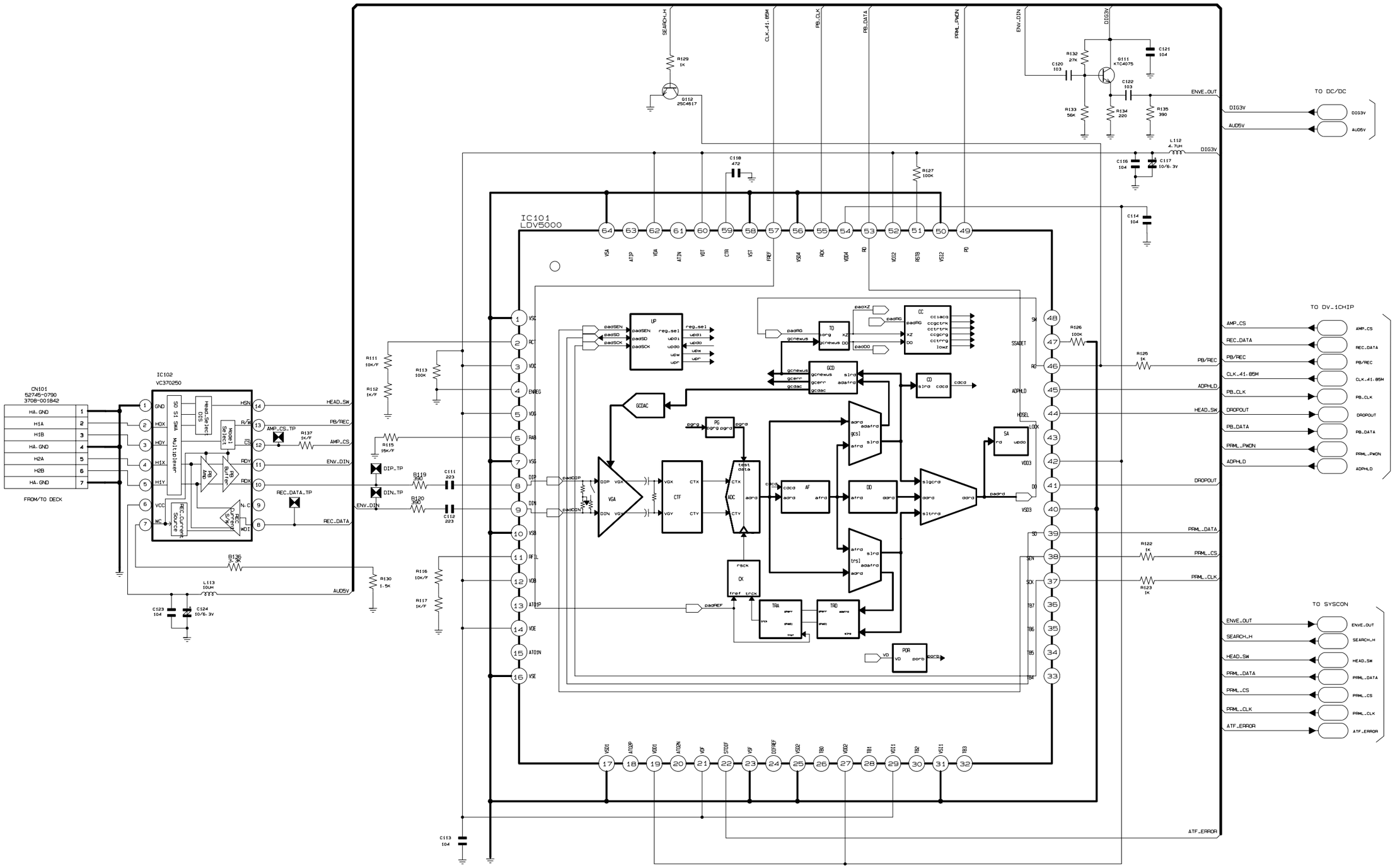


7-3 System Control (Main PCB)

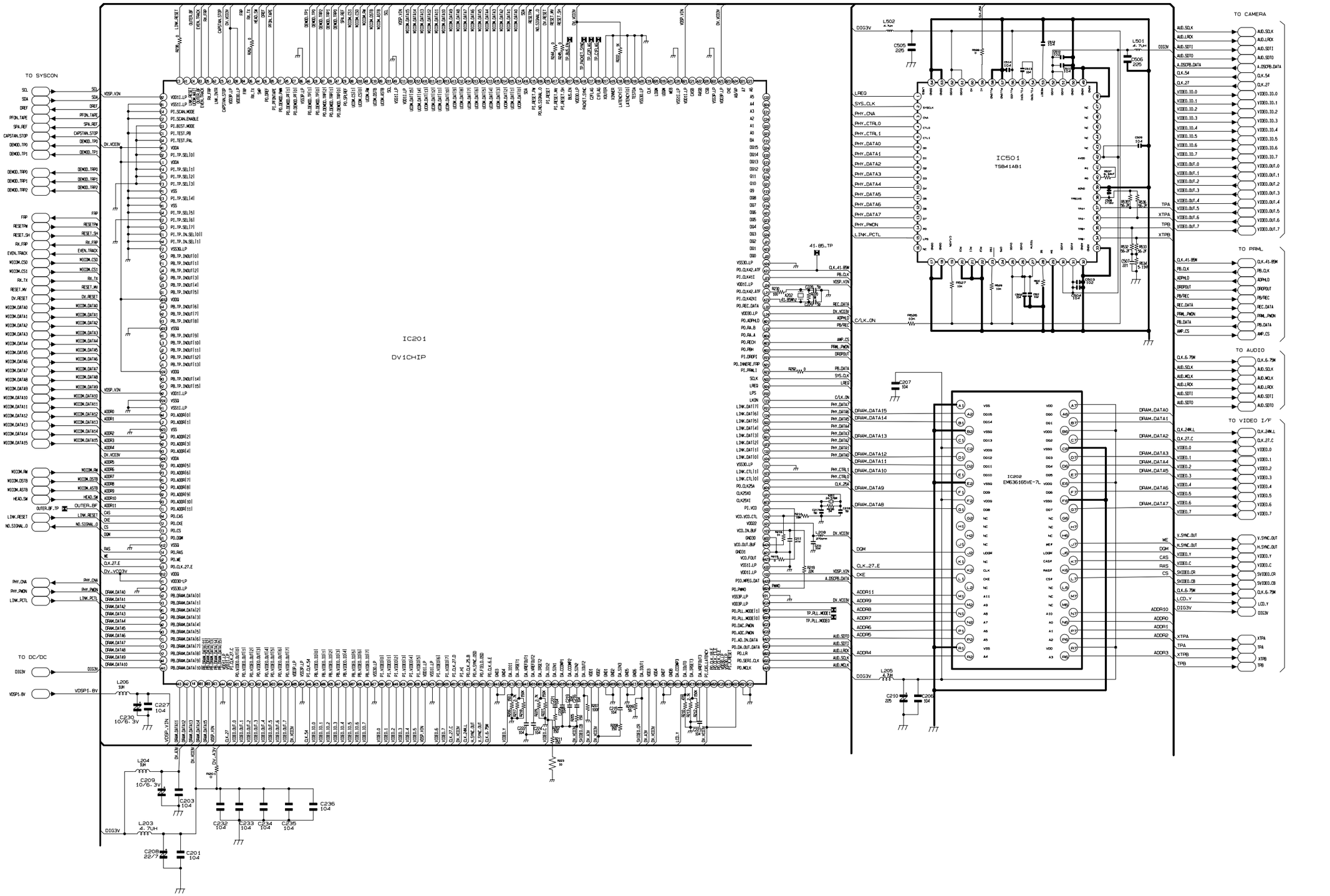


This Document can not be used without Samsung's authorization

7-4 Pre Amp/PRML (Main PCB)

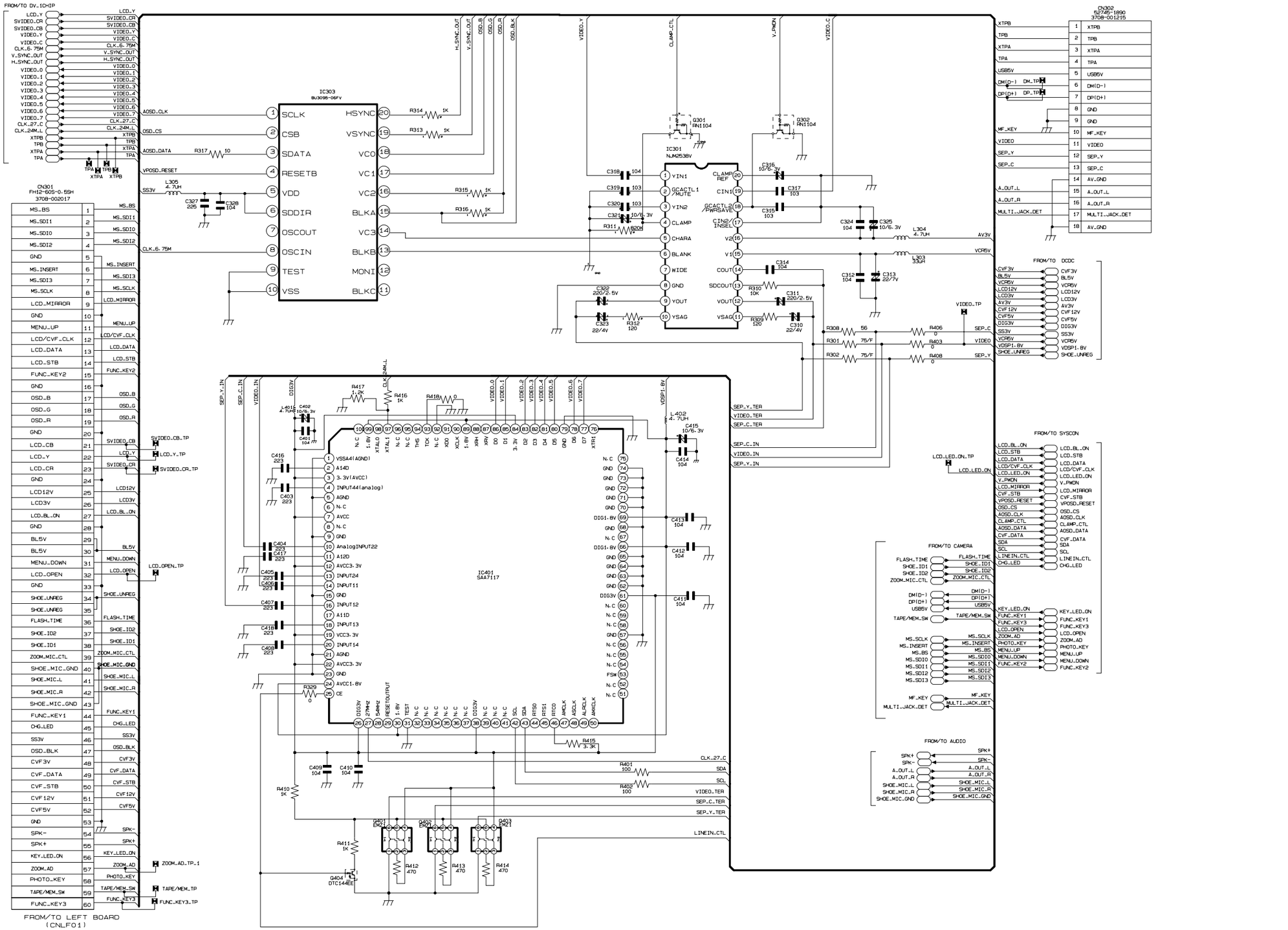


7-5 DV1-Chip (Main PCB)

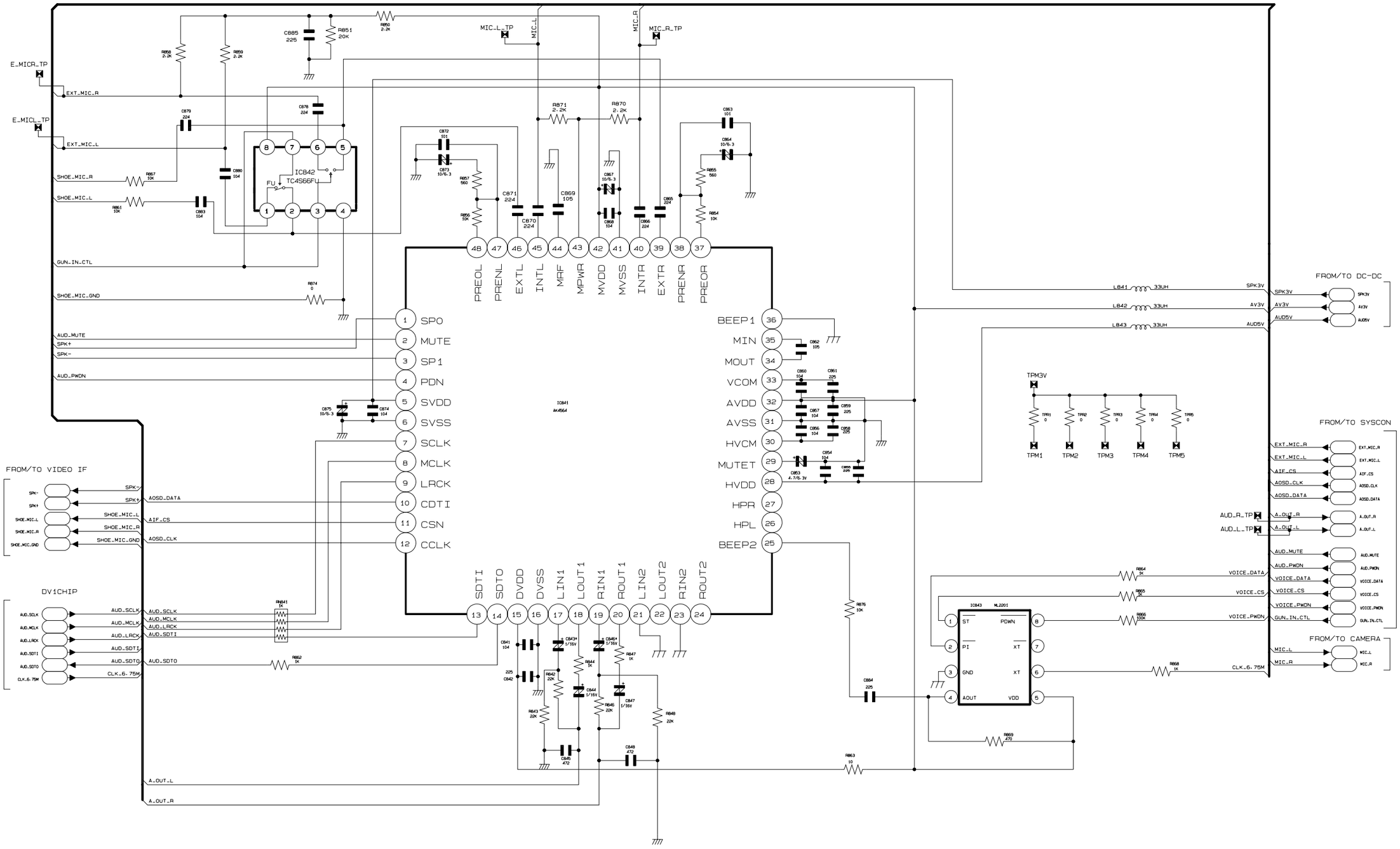


This Document can not be used without Samsung's authorization

7-6 Video-Interface (Main PCB)

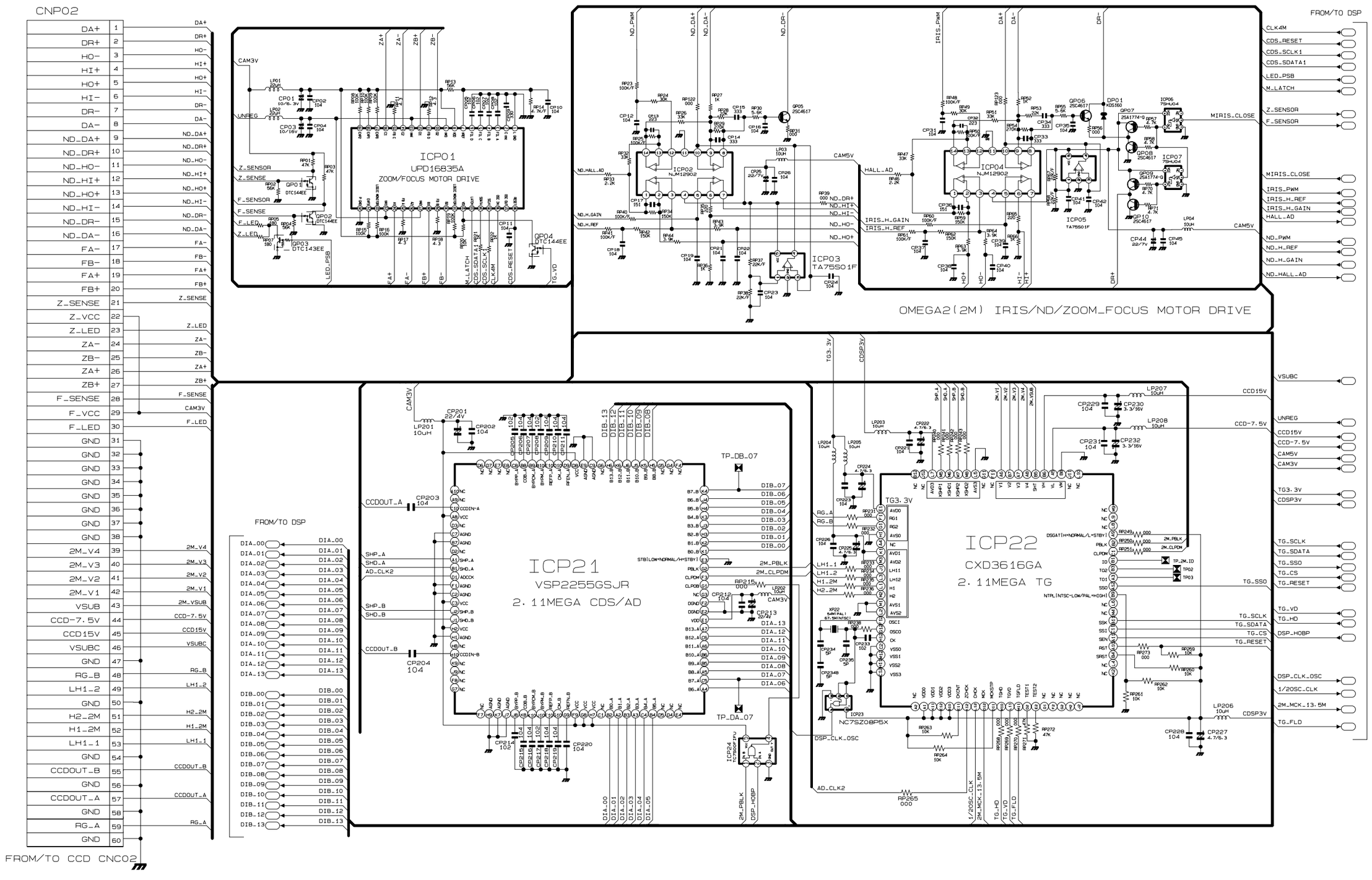


7-7 Audio (Main PCB)

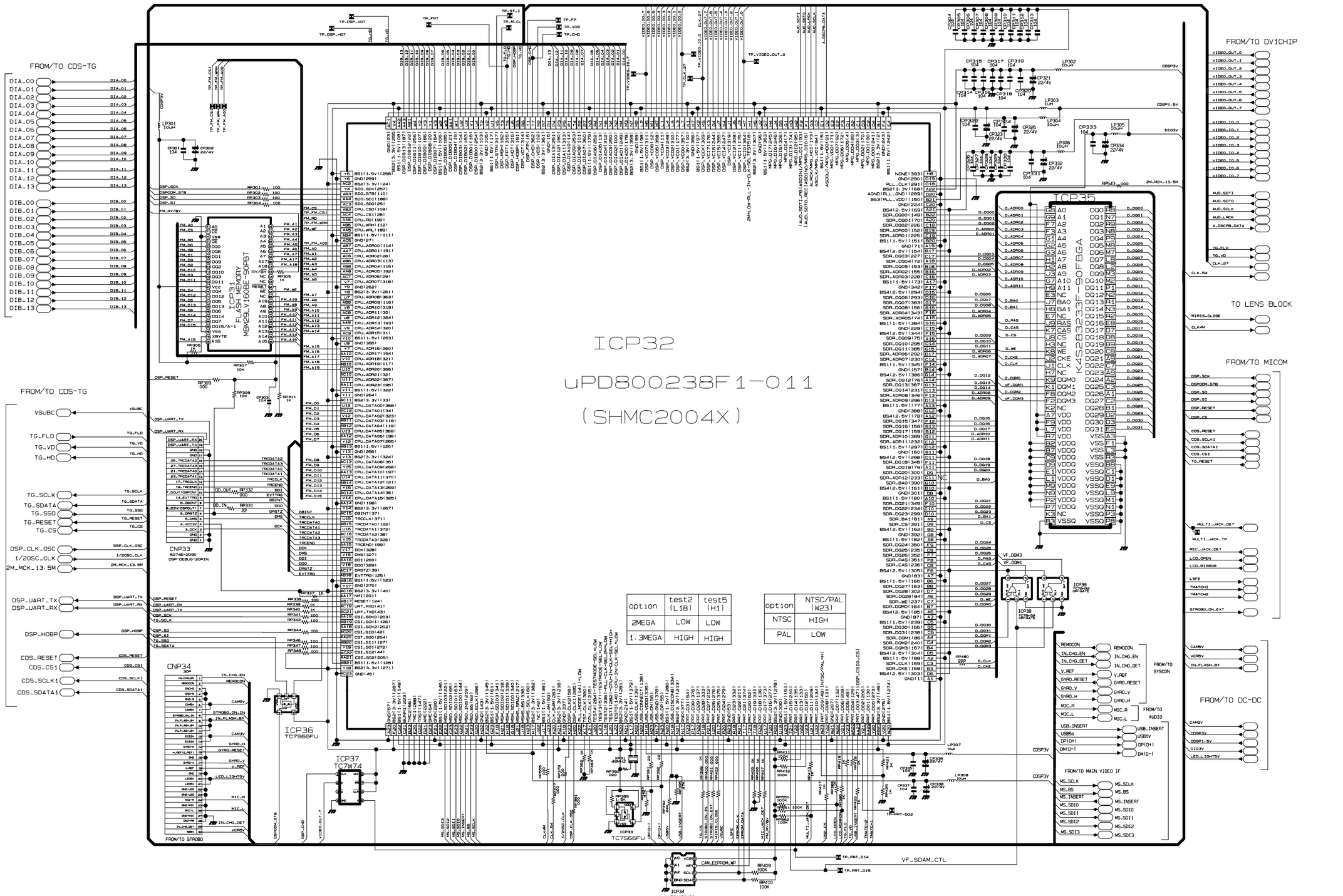


This Document can not be used without Samsung's authorization

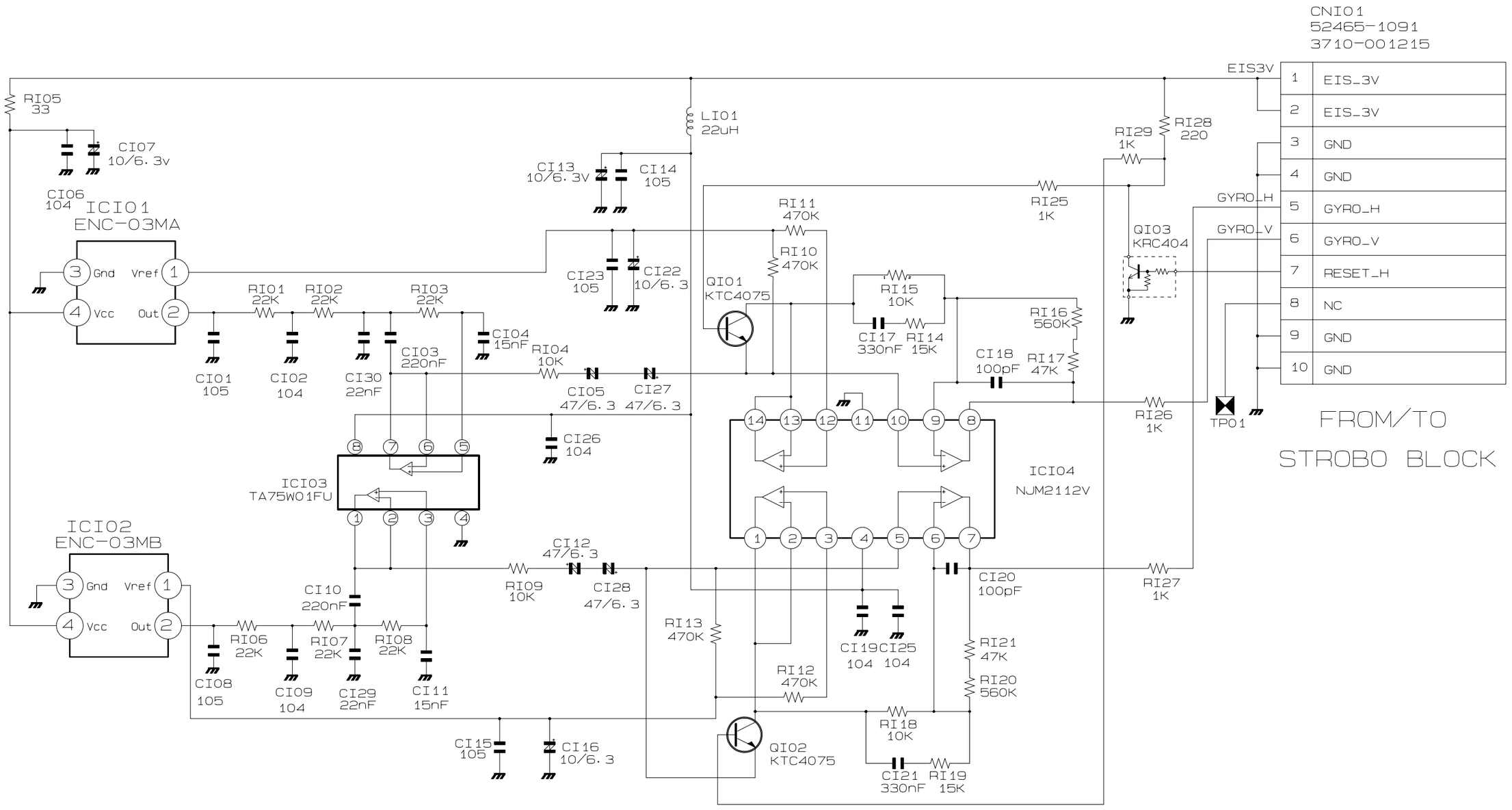
7-8 CDS-TG (Main PCB)



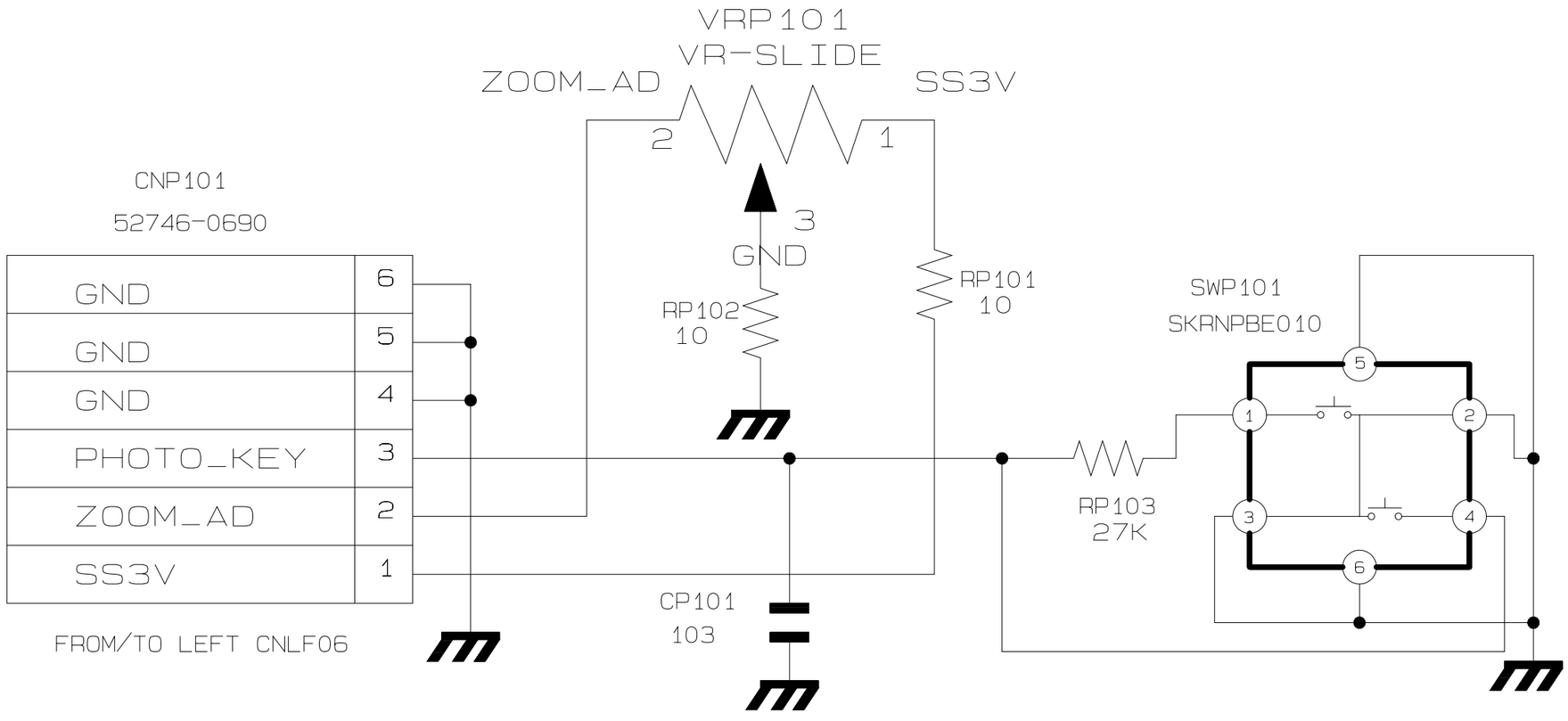
7-9 DSP (Main PCB)



7-10 EIS (EIS PCB)

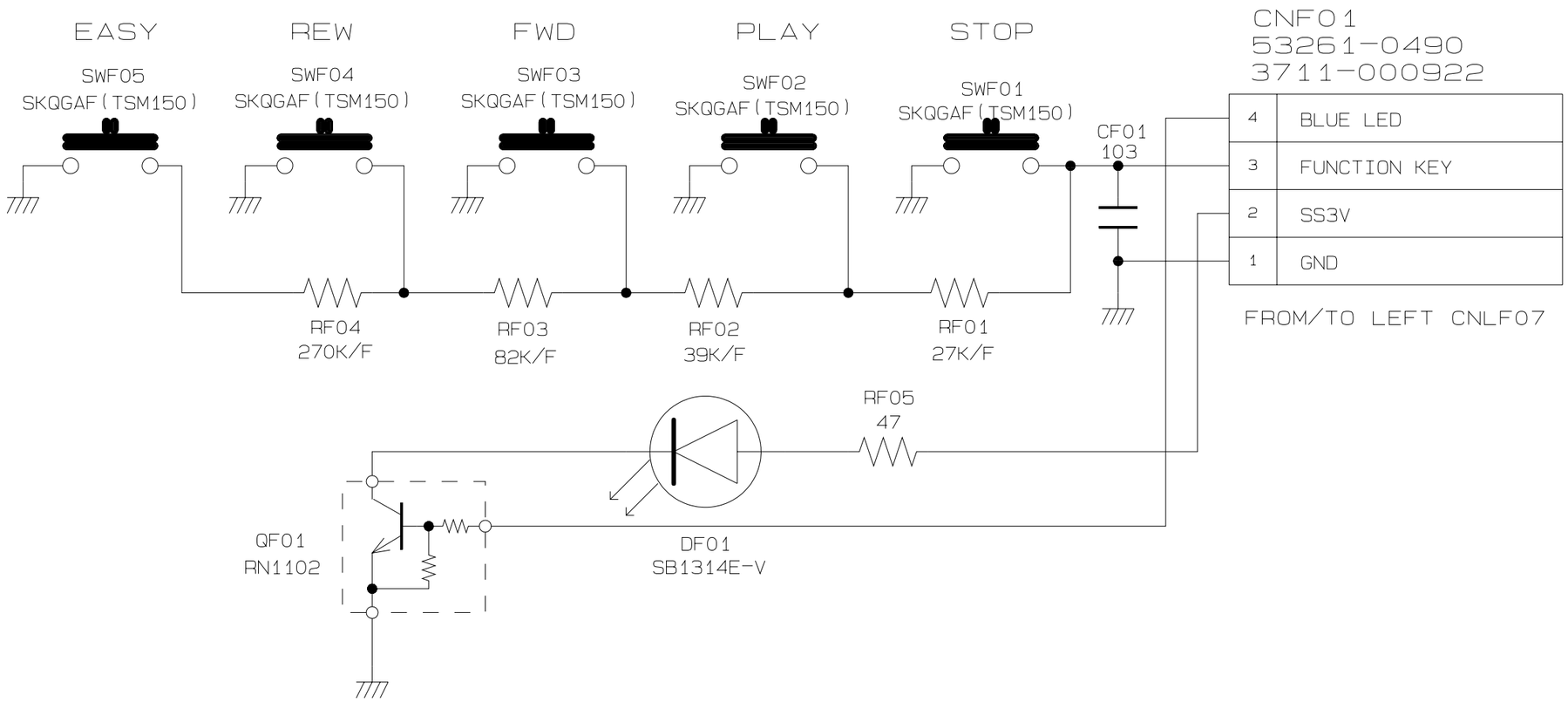


7-11 Zoom (Zoom PCB)

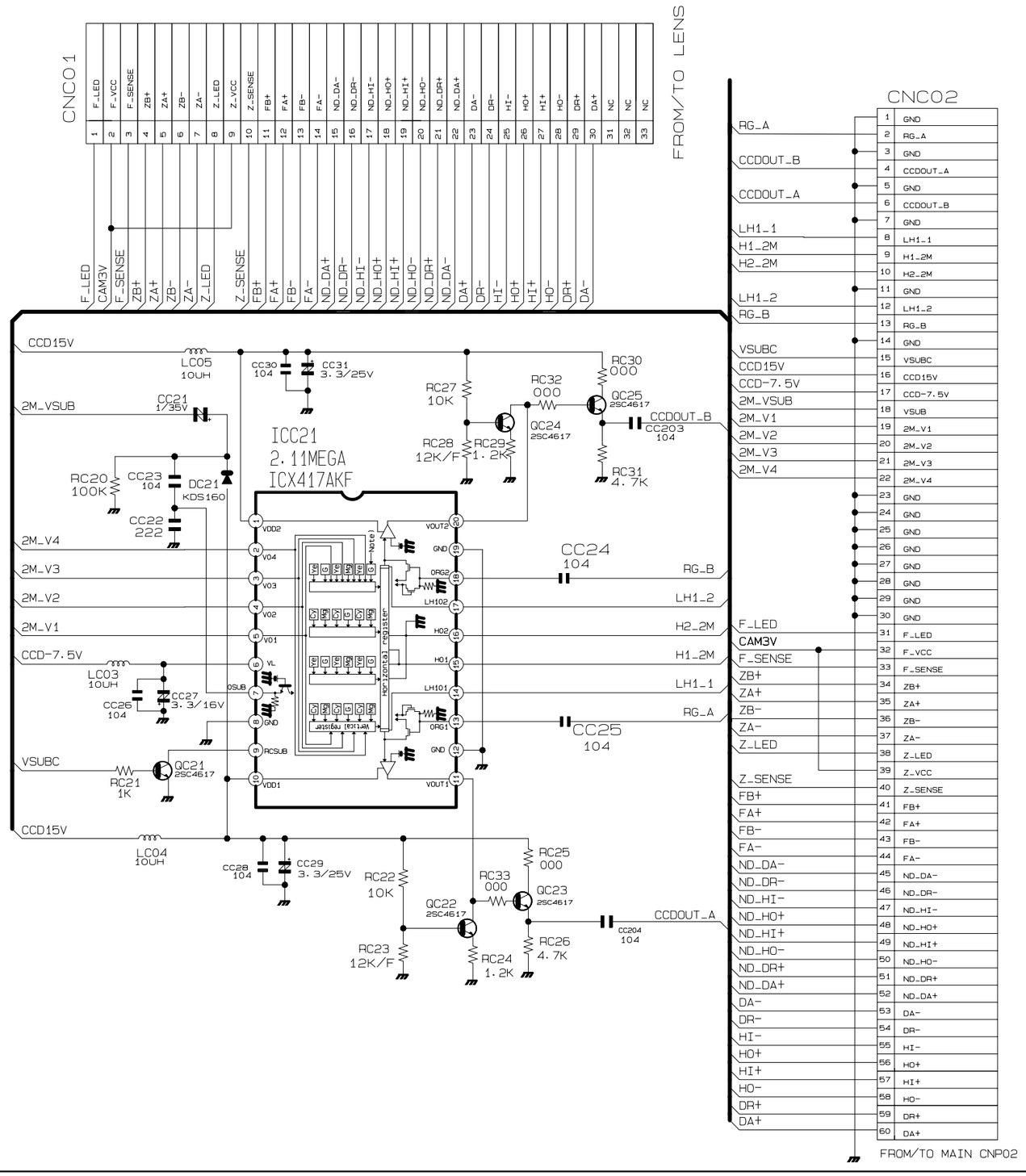


This Document can not be used without Samsung's authorization

7-12 Function (Function PCB)

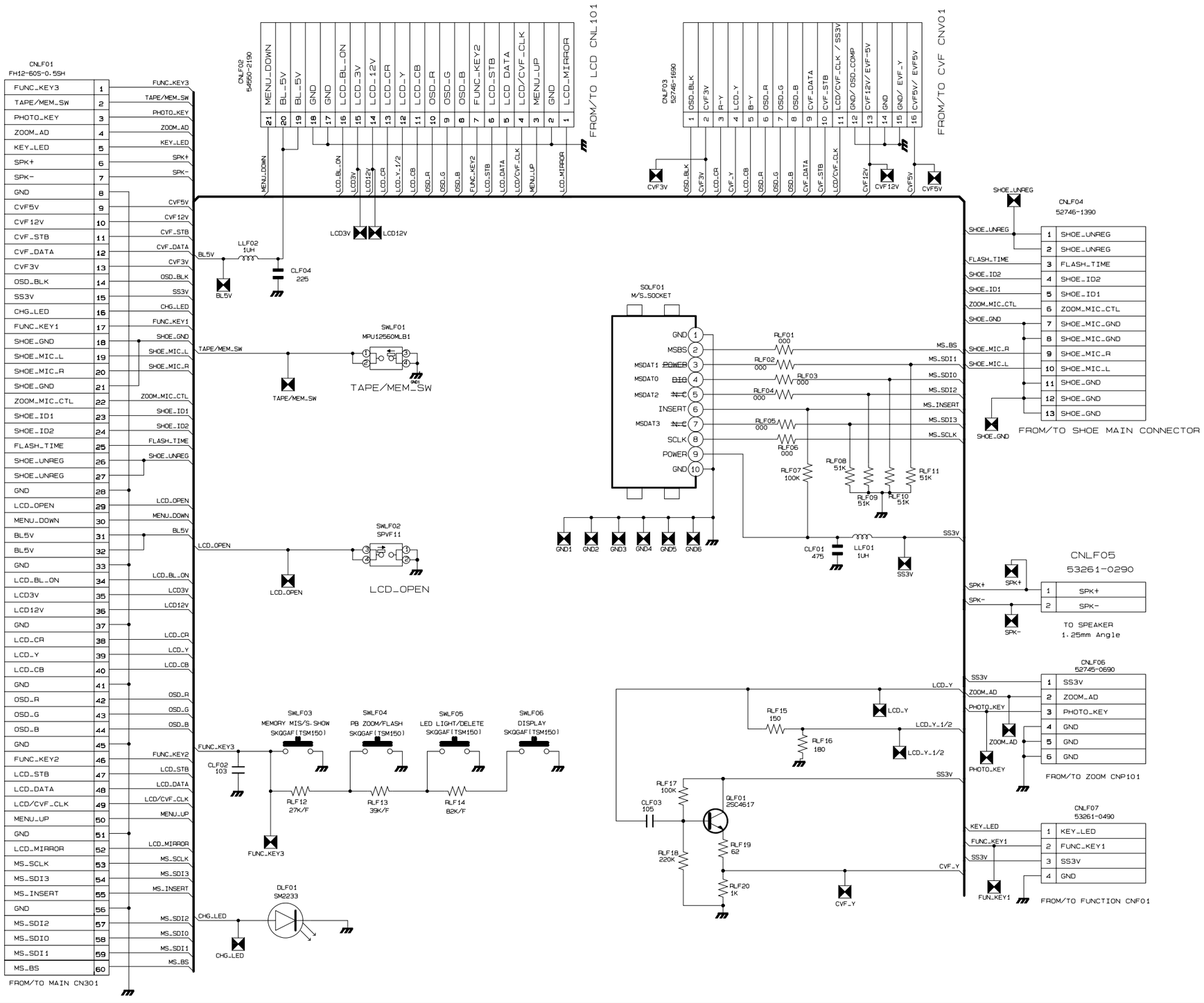


7-13 CCD (CCD PCB)

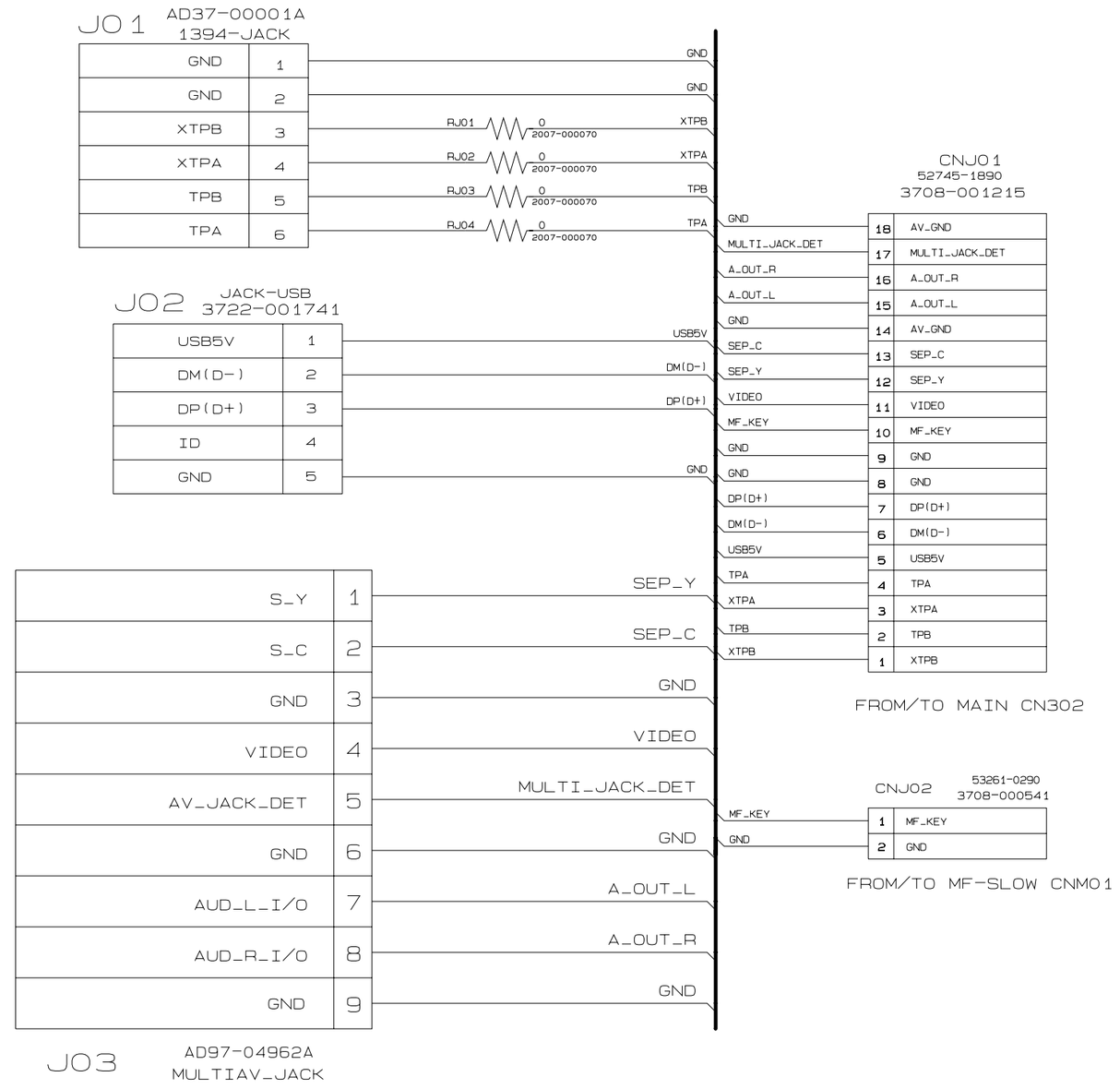


This Document can not be used without Samsung's authorization

7-14 Left (Left PCB)

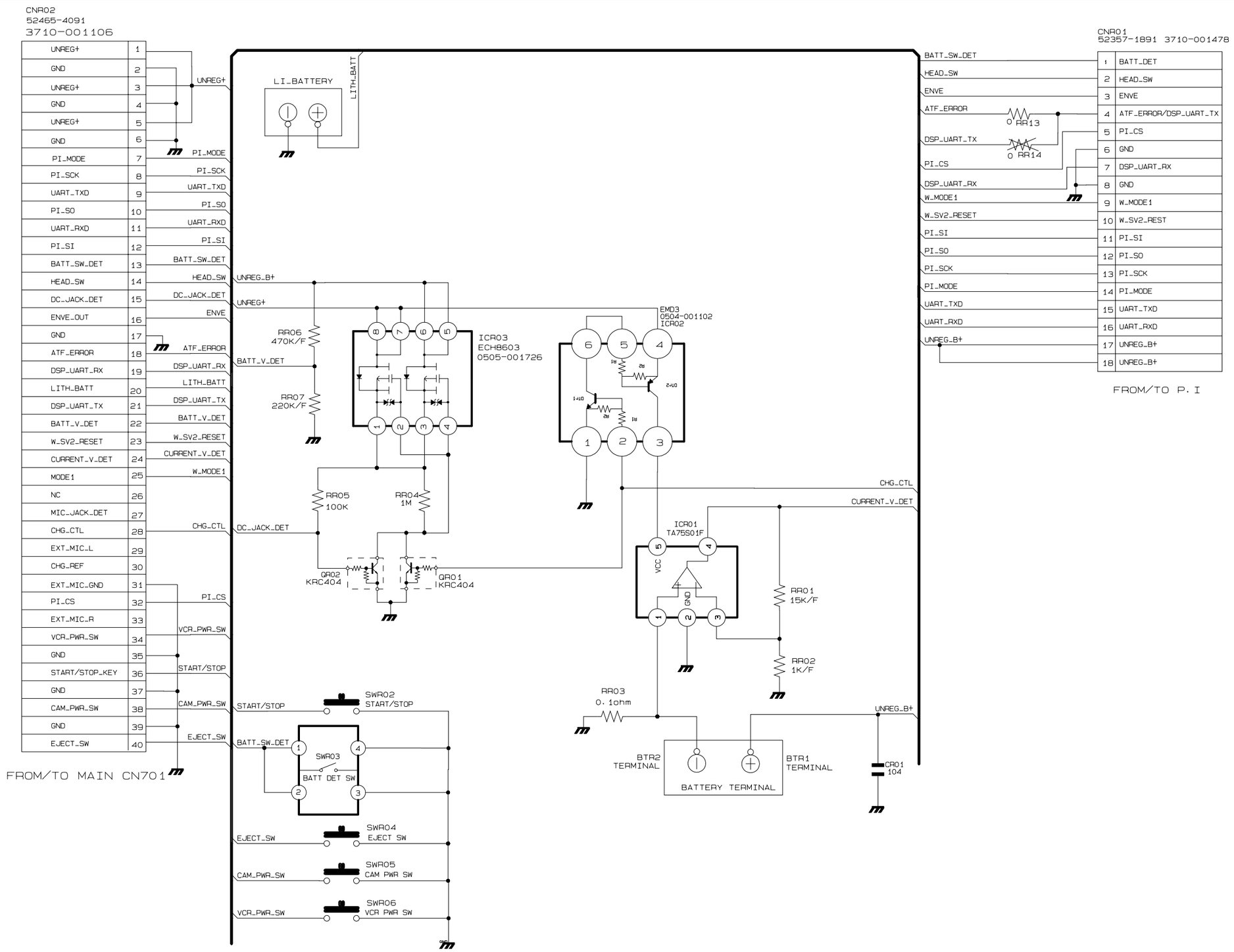


7-15 Jack (Jack PCB)

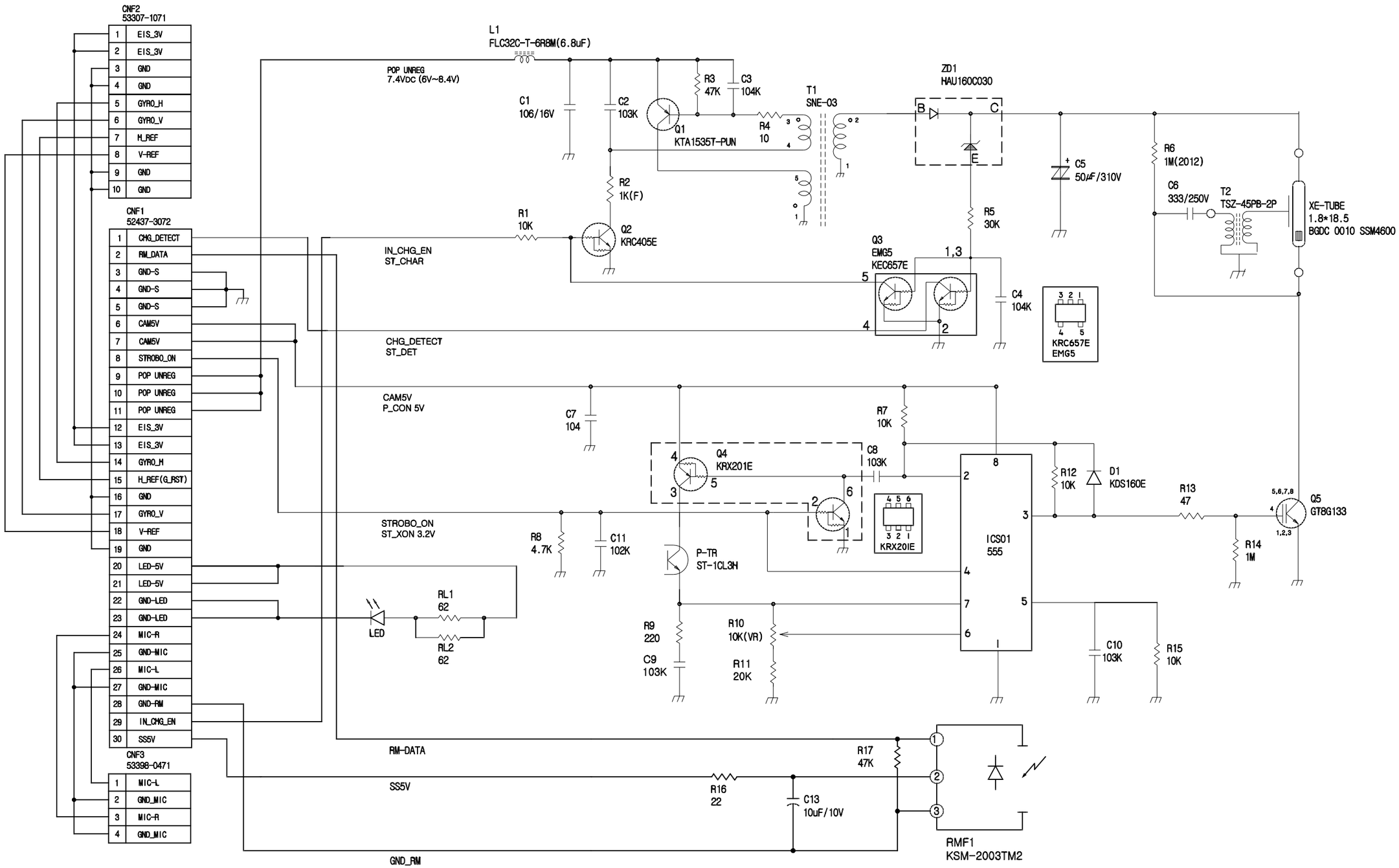


This Document can not be used without Samsung's authorization

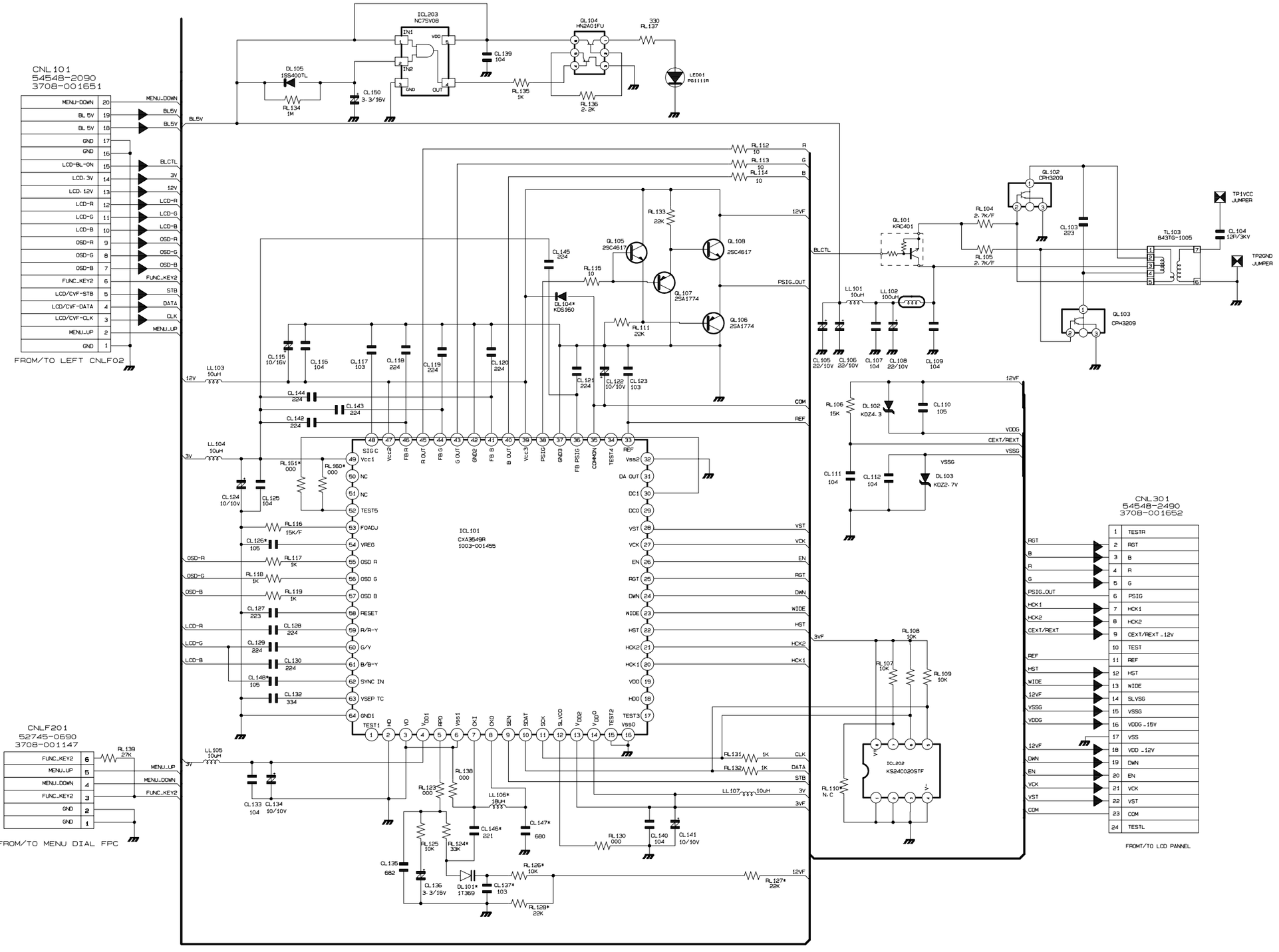
7-16 Rear (Rear PCB)



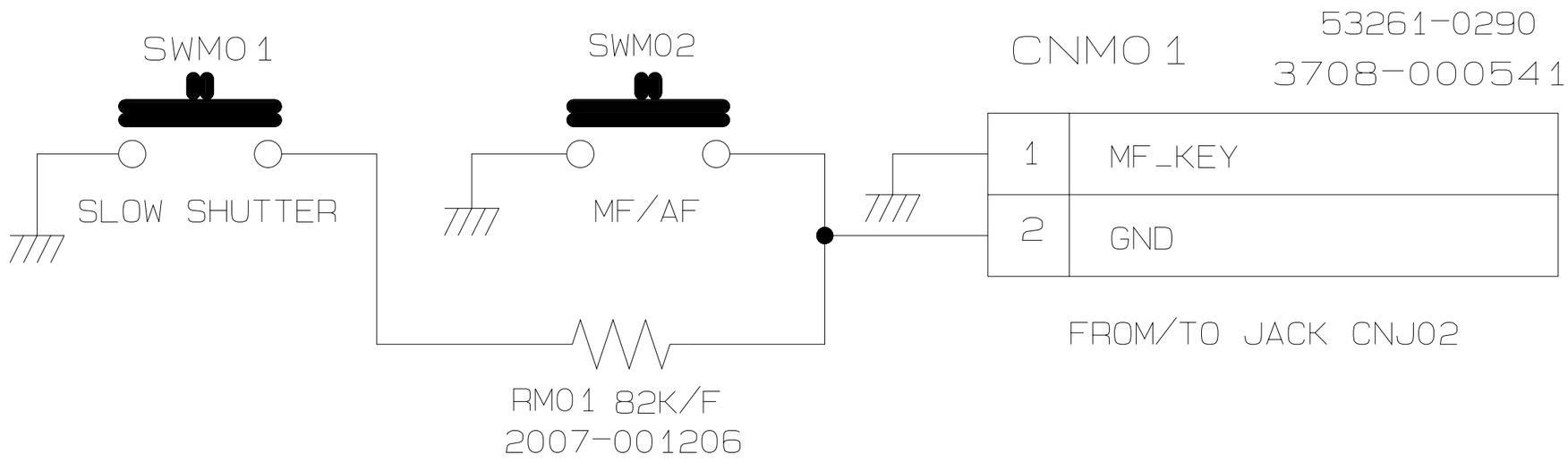
7-17 Front (Front PCB)



7-18 LCD (LCD PCB)

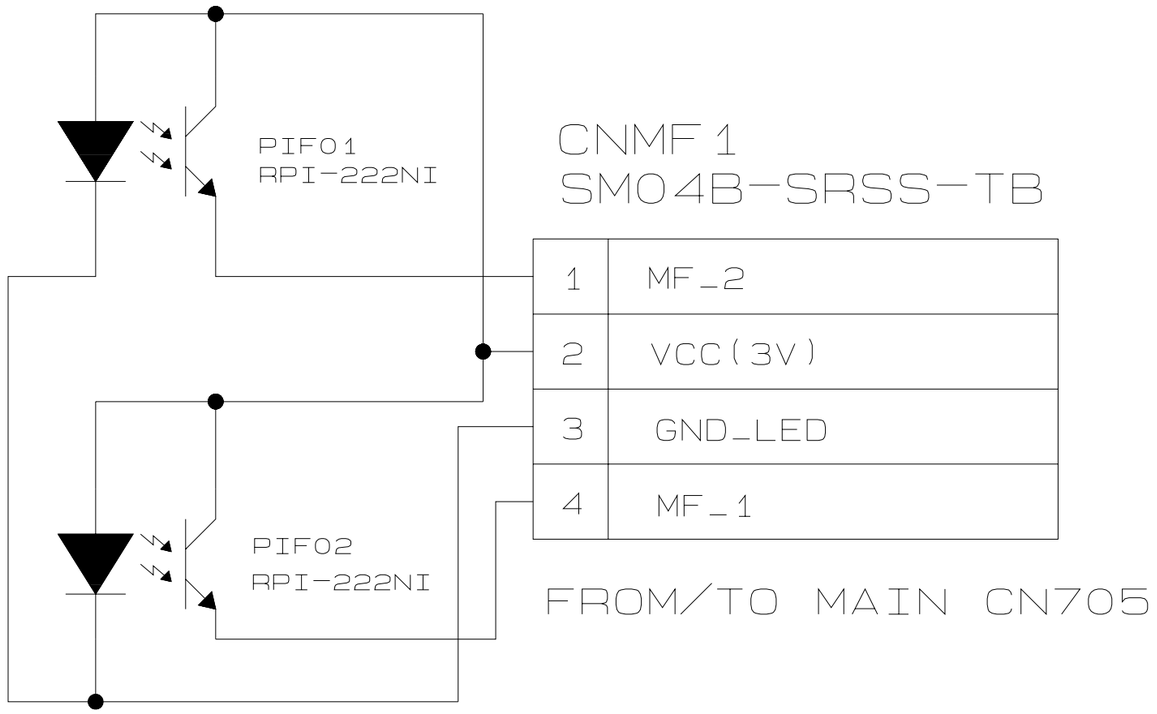


7-19 MF_Slow (MF_Slow PCB)



This Document can not be used without Samsung's authorization

7-20 MF_Ring (MF_Ring PCB)



MEMO